

ABSTRACT OF THE DISCLOSURE

An ink-jet recording apparatus in which an electromechanical converting device that changes a volume of an ink channel of a recording head is driven to make an ink droplet to jet from a nozzle, wherein before an ink droplet jetting operation is conducted, an ink meniscus of the ink channel is vibrated finely by repeating plural times a pushing out process so that a distance corresponding to a peak of the ink meniscus pushed out from a surface of the nozzle is equal to or more than a radius of the nozzle and a process for pulling in more toward the ink channel across a repose position, while the ink is prevented from jetting from the nozzle.